

PowerServer® BROCHURE · 2026

powerserver®

TELE PLUS

**A powerful web-based
teleradiology platform built
to connect, streamline, and
scale.**

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POWERSERVER® TELE PLUS

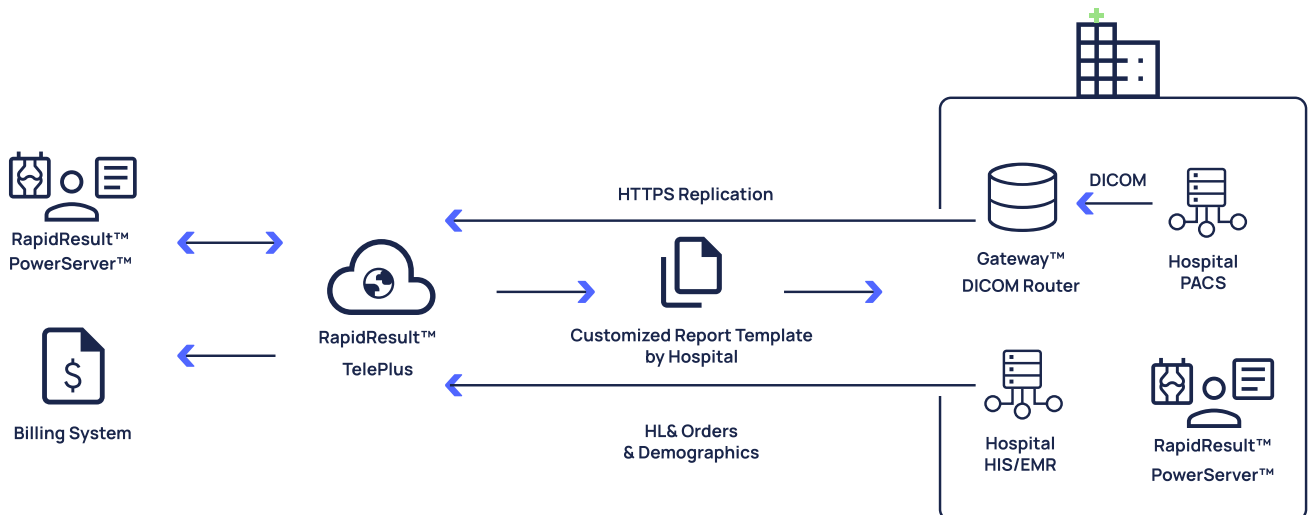
Futureproof Your Teleradiology Practice

PowerServer® TELE PLUS is more than a teleradiology solution—it's your operational edge. As a 100% web-based application with a single-database architecture, TELE PLUS empowers your team to access studies from anywhere, anytime, with enterprise-level control and simplicity.

Whether you're scaling across sites or collaborating across borders, this platform grows with you—without compromise. TELE PLUS version 6.7 delivers measurable performance improvements that directly impact radiology throughput and turnaround time, powered by HTJ2K image compression and remote rendering technology.

Key operational benefits

- ✓ **Real-time study access** – from any location, any device, no VPN required
- ✓ **Significant cost savings** – zero infrastructure maintenance, reduced hardware overhead
- ✓ **99.95% guaranteed uptime** – Microsoft Azure-hosted with built-in redundancy
- ✓ **Elastic scale** – from a single clinic to a multi-site enterprise with simplified configuration
- ✓ **Seamless upgrades** – real-time database backups with zero workflow disruption
- ✓ **Flexible storage** – redundant server support to match any operational model



Speed that changes how radiologists work

PowerServer 6.7 delivers meaningful performance improvements across every modality—reducing time from study open to first image, accelerating full study caching, and dramatically increasing scroll throughput. These aren't infrastructure metrics. They're workflow metrics that affect every read.

The following benchmark results compare v6.7 to v6.0 under controlled, uncached (cold-start) conditions on identical hardware. Performance gains are driven by two core v6.7 architectural advances:

- **HTJ2K (High Throughput JPEG 2000) compression** – reduces data transfer overhead, particularly for large studies and high-resolution modalities such as MG DBT
- **Remote rendering** – offloads decode and render processing from the client, delivering faster first-image display even on constrained endpoints

v6.7 performance benchmark summary

Metric	v6.7 vs v6.0
First image render (avg. all modalities)	~39% faster
First image render – CR / X-Ray	67% faster
First image render – MG DBT (3D)	57% faster
First image render – CT	40% faster
First image render – PET/CT	50% faster
Full study caching (MR 2,000-image study)	80% faster (89s → 18s)
High-res frame loading	67% faster
MG Tomo scrolling (cine playback)	4× faster
CT scrolling (avg. across input methods)	~42% faster

All benchmarks conducted on identical hardware under uncached (cold-start) conditions. Results may vary across network conditions and study sizes. Available for solutions hosted on Azure.

What this means for your operations



01

MR large studies (2,000 images): Full study cache dropped from 1 minute 29 seconds to 18 seconds — an 80% reduction that eliminates the single largest wait point in high-volume MR workflows.



02

MG DBT (3D tomosynthesis): 57% faster first-image render and ~60% faster full study load — critical for high-throughput mammography screening programs where radiologist idle time translates directly to throughput loss.



01

CT scrolling: 42% faster on average across keyboard, mouse wheel, and cine playback — reducing cognitive interruption during multi-series CT reads.



02

MG Tomo cine playback: 4x faster — enabling fluid slice review at speeds that match clinical reading pace.



01

Chest X-ray (CR): 67% faster first-image render — the highest single-modality improvement, benefiting high-volume plain film environments.

What sets TELE PLUS apart?

DICOM® is the registered trademark of the National Electrical Manufacturers Association for its Standards publications relating to digital communications of medical information.

RapidResults™ — speed meets accessibility

Give referring physicians instant, secure access to diagnostic reports and images—on any device, with no downloads required.

- EMR-integrated zero-footprint viewer
- Secure image and report sharing with patients
- Basic manipulation tools included
- Seamless interoperability between systems and providers

Cloud solutions — uptime you can rely on

Trust a highly secure, high-availability cloud infrastructure built for healthcare, hosted on the Microsoft Azure platform.

- 99.95% guaranteed uptime
- Built-in data redundancy and recovery
- Reduced hardware costs = boosted ROI
- Industry-accredited data protection and support

Essence BI™ — business intelligence

Empower business decisions with real-time data analytics that reveal workflow performance across your entire operation.

- Track turnaround times and read volumes
- Spot bottlenecks in workflow before they compound
- Drive revenue growth through actionable insights
- View dashboards on desktop or iPad

Comprehensive capabilities



PowerServer TELE PLUS covers every dimension of teleradiology operations — administrative, clinical, technical, and workflow — in a single platform.

Administrative	Technical	Clinical
<ul style="list-style-type: none"> Customizable Universal Worklists (UWL) across facilities Full audit trails and amendment tracking Built-in RIS billing tools with customizable fee schedules and code mapping Role-based user access control and secure login management 	<ul style="list-style-type: none"> 100% web-based single-database platform Built-in rapid DICOM® routing and pre-caching HTJ2K (High Throughput JPEG 2000) image compression — key driver of v6.7 speed gains Remote rendering — offloads processing for faster first-image display Compliance with DICOM, HL7, and IHE standards TLS-secured communication and encrypted data handling 	<ul style="list-style-type: none"> Multi-patient viewing and advanced visualization tools PET/CT fusion and mammography tomosynthesis support Web-based dictation and transcription Critical findings alerting Customizable viewing protocols

Workflow

- ✓ Unlimited unified worklists
- ✓ Customizable automated multi-facility workflow routing
- ✓ Automated, multi-site workflow routing
- ✓ Secure messaging and simple document management
- ✓ Enterprise synchronization
- ✓ Integrated QR code support

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AI ORCHESTRATION

AI operationalized — not just added on

Smarter workflows. Sharper decisions. Seamless integration.

With PowerServer TELE PLUS, AI isn't a feature you configure once and forget—it's orchestrated into your workflow. We've partnered with industry-leading AI innovations to bring intelligent automation to every corner of your teleradiology environment.

These integrated solutions work alongside your radiologists to prioritize studies, surface critical findings, and drive faster, more accurate clinical decisions—all within a single platform.

AI partner capabilities include:

- 

Triage automation
identify time-sensitive findings faster, reducing manual prioritization steps
- 

Quantitative analysis
reduce read variability and increase diagnostic confidence at scale
- 

Intelligent workflow routing
ensure the right cases reach the right specialists, automatically
- 

Decision support tools
enhance diagnostic accuracy without adding steps to the radiologist's workflow

The result: AI working in tandem with clinical expertise to deliver care that's not only faster—but measurably better.

Blume®-Enabled: Seamless Patient Access and Engagement

Unlock patient-centered care with effortless image and report sharing.

PowerServer® TELE PLUS now comes integrated with Blume®, RamSoft’s secure, cloud-based patient engagement solution. Designed to simplify communication and eliminate friction in the imaging journey, Blume® empowers patients with instant, self-serve access to their medical images and reports—anytime, anywhere.

By integrating Blume® directly into TELE PLUS, your practice gains more than convenience. You gain time, trust, and transparency.

Key benefits of Blume® integration:



Direct patient access to imaging studies and reports via secure links—no CDs or portals required



Faster follow-up care through simplified sharing with referring physicians and care teams



Fewer administrative bottlenecks with reduced call volumes and manual image distribution



Built-in compliance and privacy with end-to-end encryption and audit tracking

*For teleradiology providers who support patient-facing workflows, PowerServer® TELE PLUS can be paired with Blume®. It enables instant image and report sharing through encrypted links—no portals or CDs required.

LET'S TALK

Trusted Worldwide

Let's accelerate imaging together

Ready to see how PowerServer RIS/PACS can reduce turnaround times, eliminate workflow bottlenecks, and operationalize AI across your imaging operations?

[Request your FREE demo →](#)ramsoft.com

“With RamSoft, I can read studies anywhere—on vacation, in an airport lounge, or at my son’s house. The images are crystal clear, the system is fast, and the patient outcomes are better.”

Dr. Bernard (“Bud”) Landry, Radiologist and Owner, LLC Teleradiology

TRUSTED WORLDWIDE

A global imaging partner.

750+

INSTALLATIONS

22+

COUNTRIES

30+

YEARS IN IMAGING

RamSoft is a global leader in imaging IT. For more than 30 years, we've helped imaging centers, hospitals, and teleradiology practices transform their operations through automation, AI orchestration, and partnership.

About RamSoft

After more than 30 years, RamSoft has become a global provider of innovative cloud-based radiology software solutions for imaging centers, radiology departments, and teleradiology providers. PowerServer is utilized by over 750 sites and thousands of customers worldwide, offering a flexible, scalable design enabling imaging operations of all sizes to leverage comprehensive cloud-based RIS/PACS capabilities. RamSoft's latest offering, OmegaAI®, is a cloud-native, AI-driven platform delivering rapid, secure, and robust RIS and PACS capabilities that are completely zero footprint. Powered by Microsoft Azure, RamSoft's solutions provide the highest levels of security, HIPAA compliance, and protection against cybersecurity threats. RamSoft delivers imaging innovation through One Platform. AI-Powered. Total Interoperability.

[View more about PowerServer](#)

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